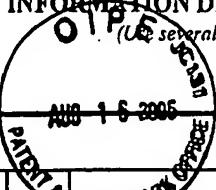


INFORMATION DISCLOSURE CITATION
 OPI
 (Use several sheets if necessary)



Docket Number (Optional)
 JPSA001

Application Number
 10/782,741

Applicant(s)
 SERCEL ET AL

Filing Date
 February 19, 2004

Group Art Unit
 2873

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AE	1	4,752,922	6/21/1998	MACANALLY ET AL	369	32	
AE	2	6,676,878	1/13/2004	O'BRIEN ET AL	264	400	

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AE	3	International Search Report mailed May 12, 2005 received in corresponding PCT application No. PCT/US04/04897 (3pgs).
AE	4	Written Opinion mailed May 12, 2005, received in corresponding PCT application No. PCT/US04/04897 (3 pgs).

EXAMINER	M. Alexandra Eire	DATE CONSIDERED	10/6/05
----------	-------------------	-----------------	---------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p style="text-align: center;">P E JC INFORMATION DISCLOSURE CITATION <i>(use several sheets if necessary)</i></p> <p style="text-align: center;">AUG 26 2004</p> <p style="text-align: center;">P E AUG 26 2004</p> <p style="text-align: center;">PATENT & TRADEMARK OFFICE PATENT DOCUMENTS</p>				Docket Number (Optional) JPSA 001		Application Number 10/782,741		
				Applicant(s) SERCEL ET AL				
				Filing Date FEBRUARY 19, 2004	Group Art Unit			
U.S. PATENT APPLICATION PUBLICATIONS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>AE</i>	1	5,631,190	5/20/1997	NEGLEY	438	33		
	2	6,580,054	6/17/2003	LIU ET AL	219	121.68		
	3	6,472,295	10/29/2002	MORRIS ET AL	438	463		
<i>AE</i>	4	2002/0149136	10/17/2002	BAIRD ET AL	264	400		
<i>AE</i>	5	6,130,401	10/10/2000	YOO ET AL	219	121.6		
FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<i>AE</i>	7	JP11163403	6/18/1999	JAPAN -2 English abstracts	H01L	33/00		✓
	8	WO 02/41362 A2	5/23/2002	PCT	H01L			
<i>AE</i>	9	WO 00/75983 A1	12/14/2000	PCT	H01L	784		
<i>AE</i>	10	EP 1137 072 A2	9/26/2001	EPO	H01L	29/201		
<i>AE</i>	11	55-151351	11/25/1980	JAPAN w/English abstract	H01L	21/78		✓
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
<i>AE</i>	12	T. Villenuve, "Nanosecond pulsed laser improve micro-machining", DesignNews (Reed Elsevier Inc.) 2001 Issue 11 pp. 33-35, June 4, 2001.						
<i>AE</i>	13	D.Hellrung et al, "High-Accuracy Micromachining of Ceramics by Frequency-Tripled Nd:YAG-Lasers", Proceedings of SPIE-The International Society for Optical Engineering, vol. 3618 pp. 348-356, November 25-27, 1999.						
EXAMINER <i>M. Alexandria Elve</i>				DATE CONSIDERED <i>10/6/05</i>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO.	APPLICATION NO.			
				JPSA 001		10/782,741		
				APPLICANT(S)				
				SERCEL ET AL				
				FILING DATE	GROUP ART UNIT			
				FEBRUARY 19, 2004				
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AE	14	5,932,118	8/3/1999	YAMAMOTO ET AL	219	121.66		
	15	5,864,171	1/26/1999	YAMAMOTO ET AL	257	628		
	16	5,543,365	8/6/1996	WILLS ET AL	437	226		
↓	17	3,629,545	12/21/1971	GRAHAM ET AL	219	121		
AE	18	3,699,644	10/24/1972	COCCA	29	527.2		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES NO	
AE	19	56-6451	1/23/1981	JAPAN w/English abstract	H01L	21/78		✓
	20	57-6650	1/13/1982	JAPAN w/English abstract	A61B	17/22		✓
	21	57-81985	5/22/1982	JAPAN w/English abstract	B23K	26/00		✓
↓	22	58-44738	3/15/1983	JAPAN w/English abstract	H01L	21/78		✓
AE	23	58-44739	3/15/1983	JAPAN w/English abstract	H01L	21/78		✓
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
AE	24	Lee, Jong-Moo et al, "Scribing Blue LED Wafer Using Laser-Induced Plasma-Assisted Ablation With a Q-Switched Nd:YAG Laser", Proceedings of SPIE, Laser Application in Microelectronic and Optoelectronic Manufacturing V, Volume 3933, January 24-26, 2000, Pgs. 237-244.						
AE	25	A. Ostendorf et al, "Material Processing Applications for Diode Pumped Solid State Lasers", Lambda Highlights, Lambda Physik, No. 57, May 2000, Pgs. 1-8.						
EXAMINER			DATE CONSIDERED					
M. Alexandra Elie			10/6/05					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. JPSA 001	APPLICATION NO. 10/782,741			
				SERCEL ET AL				
				FILING FEBRUARY 19, 2004	GROUP ART			
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AC	24	4,851,371	7/25/1989	FISHER ET AL	437	226		
	27	4,865,686	9/12/1989	SINOHARA	156	643		
	28	4,964,212	10/23/1990	DEROUX-DAUPHIN ET AL	29	852		
✓	29	4,992,393	2/12/1991	KOSAKA ET AL	437	83		
AC	30	5,075,201	12/24/1991	KOH	430	321		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES NO	
AC	31	58-68946	4/25/1983	JAPAN w/English abstract	H01L	21/78		✓
	32	10-64854	3/6/1998	JAPAN w/English abstract	H01L	21/301		✓
	33	11-224866	8/17/1999	JAPAN w/English abstract	H01L	21/301		✓
✓	34	JP2000-4066	1/7/2000	JAPAN w/English abstract	H01S	5/30		✓
AC	35	JP2000-196186	7/14/2000	JAPAN w/English abstract	H01S	5/10		✓
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
AC	36	Powell, Paula M., Senior Editor, "Diode-Pumped Solid-State Lasers: Manufacturing Matters", 2002 Global Photonics Market Forecast.						
AC	37	Park, Jongkook and Sercel, Patrick, "High-Speed UV Laser Scribing Boosts Blue LED Industry", Compound Semiconductor, Volume 8, Number 11, December 2002.						
EXAMINER M. Alexandra Eive				DATE CONSIDERED 10/6/05				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.
JPSA 001

APPLICATION NO.
10/782,741

SERCEL ET AL

FILING

FEBRUARY 19, 2004

GROUP ART

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AE	38	6,117,347	9/12/2000	ISHIDA	216	52	
	39	6,140,151	10/31/2000	AKRAM	438	113	
	40	6,225,194	5/1/2001	NOGUCHI ET AL	438	464	
↓	41	3,626,141	12/7/1971	DALY	219	121	
AE	42	3,814,895	6/4/1974	FREDRIKSEN	219	121	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AE	43	61-219535	9/29/1986	JAPAN w/English abstract	B23P	15/24		✓
↓	44	63-174793	7/19/1988	JAPAN w/English abstract	B23K	26/00		✓
↓	45	63-183885	7/29/1988	JAPAN w/English abstract	B41M	5/26		✓
AE	46	WO 03/028943 A1	4/10/2003	PCT	B23K	26/12		
	47	_____						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AE	48	Wiener-Avnear, Eli, "Laser Micromachining Creates Precise 3-D Structures", Laser Focus World-Optoelectronics and Laser Technology Advances, November 1998, Pgs. 1-4.
AE	49	Lambda Physik, Lambda Highlights No. 18, "New Resist for 248 NM Successfully Investigated", August 1989, Pgs. 1-4.

EXAMINER

M. Alexandria Elve

DATE CONSIDERED

10/6/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. JPSA 001		APPLICATION NO. 10/782,741	
				SERCEL ET AL			
				FILING FEBRUARY 19, 2004		GROUP ART	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	50	4,921,564	5/1/1990	MOORE	156	344	
AC	51	5,057,664	10/15/1991	JOHNSON ET AL	219	121.69	
	52	33,947	6/2/1992	SHINOHARA	156	643	
AC	53	5,138,131	8/11/1992	NISHIKAWA ET AL	219	121.67	
AC	54	5,387,776	2/7/1995	PREISER	219	121.72	
U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AC	55	Lambda Physik, "Gator", DPSS Lasers - Gator Series, May 2003.					
AC	56	Oxford Lasers, "Sapphire Wafer Scribing System", www.oxfordlasers.com.					
EXAMINER M. Alexandra Elve				DATE CONSIDERED 10/6/05			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. JPSA 001		APPLICATION NO. 10/782,741	
				SERCEL ET AL FILING FEBRUARY 19, 2004			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	51	5,811,751	9/22/1998	LEONG ET AL	219	121.6	
	58	5,961,852	10/5/1999	RAFLA-YUAN ET AL	219	21.69	
	59	5,963,364	10/5/1999	LEONG ET AL	359	352	
↓	60	5,987,920	11/23/1999	BOSMAN ET AL	65	23	
AC	61	5,994,205	11/30/1999	YAMAMOTO ET AL	438	464	
U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
AC	62	MEMS and Nanotechnology Clearinghouse, "JPSA Announces The IX-1000 Laser Microdice System", www.memsnet.org , January 6, 2004.					
EXAMINER <i>H. Alexandra Elve</i>				DATE CONSIDERED <i>10/6/05</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.	APPLICATION NO.
JPSA 001	10/782,741
APPLICANT(S)	
SERCEL ET AL	
FILING DATE	GROUP ART UNIT
FEBRUARY 19, 2004	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	63	6,413,839	7/2/2002	BROWN ET AL	438	463	
	64	5,185,295	2/9/1993	GOTO ET AL	438	463	
	65	5,912,477	1/15/1999	NEGLEY	257	95	
	66	5,151,389	9/29/1992	ZAPPELLA	437	226	
AC	67	5,214,261	5/25/1993	ZAPPELLA	219	121.67	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

M. Alexandra Eire

DATE CONSIDERED

10/6/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			ATTY DOCKET NO. JPSA 001	APPLICATION NO. 10/782,741
			SERCEL ET AL	
FILING FEBRUARY 19, 2004		GROUP ART		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AE	68	5,922,224	7/13/1999	BROEKROELOFS	219	121.72	
	69	3,824,678	7/23/1974	HARRIS ET AL	29	578	
	70	3,970,819	7/20/1976	GATES ET AL	219	121	
↓	71	4,046,985	9/6/1977	GATES	219	121	
AE	72	4,224,101	9/23/1980	TIJBURG ET AL	156	643	

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS~

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	M. Alexandra Elve	DATE CONSIDERED	10/6/05
----------	-------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.
JPSA 001

APPLICATION NO.
10/782,741

SERCEL ET AL

FILING

FEBRUARY 19, 2004

GROUP ART

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	73	4,543,464	9/24/1985	TAKEUCHI	219	121	
	74	4,729,971	3/8/1988	COLEMAN	437	226	
	75	5,385,633	1/31/1995	RUSSELL ET AL	156	693	
↓	76	5,543,365	8/6/1996	WILLS ET AL	437	226	
AC	77	5,552,345	9/3/1996	SCHRANTZ ET AL	437	227	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

M. Alexandra Elve

DATE CONSIDERED

10/6/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>			ATTY DOCKET NO. JPSA 001		APPLICATION NO. 10/782,741		
			SERCEL ET AL				
			FILING FEBRUARY 19, 2004		GROUP ART		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AE	78	5,641,416	6/24/1997	CHADHA	219	121.69	
	79	5,872,046	2/16/1999	KAERIYAMA ET AL	438	465	
	80	5,976,691	11/2/1999	NOGUCHI ET AL	428	354	
↓	81	3,816,700	6/11/1974	WEINER ET AL	219	121	
AE	82	4,237,601	12/9/1980	WOOLHOUSE ET AL	29	583	
U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER <i>M. Alexandra Elve</i>			DATE CONSIDERED <i>10/6/05</i>				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>			ATTY DOCKET NO. JPSA 001		APPLICATION NO. 10/782,741		
			SERCEL ET AL				
			FILING FEBRUARY 19, 2004		GROUP ART		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	83	4,336,439	6/22/1982	SASNETT ET AL	219	121	
	84	4,543,464	9/24/1985	TAKEUCHI	219	121	
	85	4,562,333	12/31/1985	TAUB ET AL	219	121	
↓	86	4,664,739	5/12/1987	AURICCHIO	156	344	
AC	87	5,611,946	3/18/1997	LEONG ET AL	219	121.6	
U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER <i>M. Alexandra Elve</i>			DATE CONSIDERED <i>10/6/05</i>				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			ATTY DOCKET NO.	APPLICATION NO.	
			JPSA 001	10/782,741	
			APPLICANT(S) SERCEL ET AL		
FILING DATE	GROUP ART UNIT				
			FEBRUARY 19, 2004		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	88	5,626,777	5/6/1997	HUGL ET AL	219	121.72	
	89	5,627,109	5/6/1997	SASSA ET AL	438	460	
	90	5,703,713	12/30/1997	LEONG ET AL	359	352	
↓	91	5,801,356	9/1/1998	RICHMAN	219	121.68	
AC	92	5,809,987	9/22/1998	WARK ET AL	125	35	

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

M. Alexandra Elve

DATE CONSIDERED

10/16/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			ATTY DOCKET NO. JPSA 001		APPLICATION NO. 10/782,741		
			SERCEL ET AL		FILING FEBRUARY 19, 2004		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AE	93	6,057,525	5/2/2000	CHANGE ET AL	219	121.73	
	94	6,107,162	8/22/2000	MORITA ET AL	438	462	
	95	6,121,118	9/19/2000	JIN ET AL	438	460	
✓	96	6,365,429	4/2/2002	KNEISSL ET AL	438	46	
AE	97	6,509,546	1/21/2003	EGITTO ET AL	219	121.68	
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER	M. Alexandra Elue			DATE CONSIDERED	10/6/05		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)	JPSA 001	Application Number
Applicant(s)	SERCEL ET AL	10/782,741
Filing Date	FEBRUARY 19, 2004	Group Art Unit

*EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
AE	J.Radtke et al, "High-Precision Micro Cutting of Ceramics with Short-Pulsed Solid-State Lasers", Proceedings of SPIE - The International Society for Optical Engineering, vol. 4088 pp. 252-255, June 14-16, 2000. 98
	S.V. Govorkov et al, "High-Throughput Micromachining of Steel and Ceramics with Solid-State UV Laser", Proceedings of SPIE- The International Society for Optical Engineering, vol. 4065 pp. 790-800, April 24-28, 2000. 99
	Sercel, Jeffrey P., "Optimized Beam Delivery for Industrial Excimer Lasers - Excimers Fill a Niche in High-Precision Processing", Photonics Spectra, December 1991. 100
	S.K. Nikumb and M.U. Islam, "High-precision machining of materials for manufacturing applications using diode pumped solid state lasers", Proceedings of SPIE-The International Society for Optical Engineering, vol.3888 pp. 188-197, Nov.1-5, 1999. 101
	H.M. Lam et al, "Laser Ablation of GaN/Sapphire Structure for LED," Proceedings of SPIE-The International Society for Optical Engineering, vol. 4830, pp. 114-118, May 27-31, 2002. 102
	Electronicstalk.com, "Deep UV Lasers Scribing System Boosts LED Yields", November 29, 2002, Pro-Talk Limited, UK. 103
	New Wave Research - Merchantek Products, Press Release - "New Wave Research Unveils High Performance Deep UV Laser Ablation System", January 31, 2001. 104
	New Wave Research - Merchantek Products, Press Release - "New Wave Research Introduces QuikLaze-50 for Microelectronics Machining", May 8, 2001. 105
	New Wave Research - Merchantek Products, Press Release - "New Wave Research Unveils Compact, Tabletop Microelectronics Machining System", November 26, 2001. 106
	J. Cashmore, M. Gower, P. Gruenewald, D. Karnakis, N. Rizvi and M. Whitfield, "High Resolution Micromachining Using Short Wavelength and Short Pulse Lasers", Exitech Ltd., Oxford, England. 107
AE	D.M. Karankis, J. Fieret, P.T. Rumsby and M.C. Gower, "Microhole Drilling Using Reshaped Pulsed Gaussian Laser Beams", Exitech Ltd., Oxford, United Kingdom, Pgs. 1-9. 108
AE	Herbst, Ludolf et al, "High Peak Power Solid State Laser For Micromachining of Hard Materials", Lambda Physik AG, Hans-Boeckler-Strasse 12, Goettingen, Germany; Lambda Physik Inc., 3201 West Commercial Blvd., Ft. Lauderdale, USA; Fraunhofer Institute of Material and Beam Technology, Winterbergstrasse 28, Dresden, Germany, January 7, 2003. 109

EXAMINER	DATE CONSIDERED
M. Alexandra Elve	10/6/05

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)
JPSA 001

Application Number
10/782,741

Applicant(s)
SERCEL ET AL

Filing Date
FEBRUARY 19, 2004

Group Art Unit

*EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AE
110

Weiner, Kurt H. et al, "IPCOM1616D: Laser-assisted Fabrication of Bipolar Transistors in Silicon-On-Sapphire (SOS), Application No. US1991000762538, Publication Date: September 12, 2000, Thomson-Delphion.

↓
111

Razvan, Stoian et al, "Laser Ablation of Sapphire With Ultrashort Pulses", Publication: Proc. SPIE Vol. 3885, P. 121-131, High-Power Laser Ablation II, Publication Date: 2/2000.

AE
112

Opt. Eng., Volume 40, Page 2822, Seq# 1, "Laser-Induced Temperature Distributions and Thermal Deformations in Sapphire, silicon, and Calcium Fluoride Substrates at 1.315 um., Yuseng Peng et al, March 5, 2001.

EXAMINER

M. Alexandra Elve

DATE CONSIDERED

10/6/05

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.